EDB Postgres™ Management Suite

DBA Staff Time for Deployment and Configuration[1]

8% less

DBA Staff Time for Administration and Support[1]

16% less

Meeting enterprise DBMS needs including HA and DR

High availability (HA) and Disaster Recovery (DR) are key to any mission-critical application. Unplanned downtime or data loss can cost enterprises a fortune.

Another large cost factor is declining productivity. Unless hiring additional resources at extra cost is a viable option, business opportunities are missed.

Cost-aware IT organizations running mission-critical work-load therefore aim to reduce risk and improve productivity.

EnterpriseDB® (EDB™) offers the EDB Postgres™ Management Suite within its EDB Postgres Platform. In addition to enabling enterprises to manage, monitor, and tune their Postgres databases efficiently at scale, it also helps them to reduce downtime (i.e. HA) with automatic failover and safeguards data in case of a disaster (i.e. DR).

While managing a small number of non-production databases might be feasible without any tools, large-scale environments and mission-critical applications benefit from the manageability and reliability that the EDB Postgres Management Suite provides.

Highlights

Productive management at scale
The EDB Postgres Management Suite provides tools to monitor, manage and tune large Postgres environments efficiently. While monitoring and alerting take responsibility off the DBAs' shoulders enabling them to focus on other work, the management and tuning functionality allows DBAs to perform standard management tasks better and faster.

Peace of mind
The EDB Postgres Management Suite contains tools to reduce downtime keeping data available and online in case of a failure, and to restore data in case of a disaster.
Constant DBMS and infrastructure monitoring as well as automated failover give enterprises confidence that issues are identified as early as possible to allow their fast resolution.

Cost savings
Efficient management with EDB Postgres Enterprise Manager and the reliability that comes with EDB Postgres Failover Manager and EDB Postgres Backup and Recovery reduce risk and cost significantly.

[1]IDC White Paper: The Economic and Business Advantages of EDB Postgres Database Solutions, August 2016, http://bit.ly/2c1MYP6

EDB Postgres Enterprise Manager

EDB Postgres Enterprise Manager (PEM) is designed to easily manage, monitor and tune large-scale Postgres deployments via its integrated graphical user interface (GUI).

PEM displays data such as up/down information, past and present performance statistics, and utilization rates. Based on this information PEM performs a trend analysis to estimate future hardware requirements for storage, memory, and I/O.

PEM also offers a choice of more than 250 pre-configured probes to alert DBAs or operations in case of any issues to

not miss any warnings or incidents. Custom probes can also be configured to meet non-standard requirements.

Functionality such as SQL tracing and profiling, and index recommendations assist DBAs to troubleshoot and improve query performance.

PEM allows DBAs to expertly manage many more databases than any other tool. This makes it a must-have for any large or mission-critical Postgres environment.

EDB Postgres Failover Manager (HA)

EDB Postgres Failover Manager constantly monitors a Postgres cluster's health. In case of a failure it automatically initiates a failover to a replica keeping data available and online.

This reduces downtime and gives you the confidence to be protected from the consequences of an extended outage.

EDB Postgres Backup and Recovery (DR)

Backups are essential to recover from various failures or human errors. For recoverability, EDB Postgres Backup and Recovery automates and schedules Postgres backups from a central management server.

If needed, it restores backups, including Point-In-Time-Recovery (PITR). The restore functionality is most helpful

when having to recover from a failure under pressure. It avoids mistakes and reduces the recovery time significantly.

EDB Postgres Backup and Recovery manages backups according to a configurable retention period and, if no longer needed, deletes backups to free storage.

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